THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI N.V.N. SOMU): (a) and (b) The LCA project was sanctioned in 1983 with a tentative time frame of 1993, which was to be refined later after carrying out detailed Project Definition. The Project Difinition outlined the need for phased approach for development and incorporation of state-of-the-art technologies to ensure that the LCA would be a world class and contemporary aircraft at the time of its induction. Based on this, the Government accorded sanction in April 1993 for phase-I of full scale engineering development envisaging induction LCA into Air Force by 2005. The first indigenous LCA has already been rolled out and is undergoing detailed ground qualification testing to ensure safe flight. All efforts are on for preparing the aircraft for the first flight by the end of the year. The project activities are being closely monitored at a very high level and the LCA is expected to be inducted in the Air Force by the year 2003 i.e. two years ahead of schedule.

Typc-B Radars from HAL for IAF

1581. SHRI PREM CHAND GUPTA: Will the Minister of DEFENCE be pleased to state:

(a) whether it is a fact the IAF ordered 4 Type-B Radars from HAL without proper evaluation, at a cost of Rs. 12.97 crores which did not prove reliable and had to be discarded; and

(b) if so, who has been held responsible for this?

THE MINISTER OF IN THE MINISTRY OF DEFENCE (SHRI N.V.N. SOMU): (a) and (b) IAF had placed orders for 8 PAR-1M radars on the HAL. HAL supplied 7 nos. of Radars to the IAF against this order. The Radars were evaluated by an interdepartmental Steering Committee. Initially these radars had some design defects. Such drawbacks are inherent in any system being developed indigenously. Now these radars are in operational use with IAF and have not been discarded.

Manufacture of Air Defence Ship indigenously

1582. SHRI YERRA NARAYANA-SWAMY: Will the Minister of DEFENCE be pleased to state:

(a) whether Government propose to manufacture Air Defence Ship indigenously;

(b) if so, the details thereof; and

(c) the steps taken to remove the shortfall in the destroyer frigate category in the Indian Navy?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI N.V.N. SOMU): (a) and (b) There is a proposal for indigenous construction of an Air Defence Ship (ADS). The details are being worked out.

(c) In an effort to maintain the force levels, a two pronged approach has been adopted i.e. import of Frigates in the immediate future and indigenous construction to meet the long term requirement.

हेलीकाप्टरों का मार गिराया जाना/दुर्घनाग्रस्त होना

1583. **श्री राघवजी** : क्या रक्षा मंत्री यह बताने की कृपा करेंगे कि:

(क) सुरक्षा बलों के कितने हेलीकाप्टर दुर्धटनाग्रस्त हो गए अथवा मार गिराए गए;

(ख) दुर्घनाग्रस्त हेलीकाप्टरों का ब्यौरा क्या हैं; और

(ग) मार गिराए गए हेलीकाप्टरों का ब्यौरा क्या हैं और ये किनके द्वारा मार गिराए गए तथा उनके विरूद्व की गई कार्यवाही का ब्यौरा क्या हैं?

रक्षा मंत्रालय में राज्य मंत्री (श्री एन0वी0एन0 सोमू) : (क) से (ग) अप्रैल, 1993 से आज की तारीख तक 21 हेलिकॉप्टर दुर्घटनाग्रस्त हुए जिनमें मुख्यत: चीता, चेतक और एम आई हेलिकॉप्टर शामिल हैं। तथापि, किसी भी हेलिकॉप्टर को मार गिराए जाने की कोई रिपोर्ट नहीं हैं।